UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/062,973	01/29/2002	Jeremy Bunn	10018307 -1	5646

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EXAMINER
POKRZYWA, JOSEPH R

ART UNIT	PAPER NUMBER
2625	

DATE MAILED: 09/08/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)
Office Action Summary	10/062,973	BUNN ET AL.
	Examiner	**Art Unit**	
	Joseph R. Pokrzywa	2625	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on <u>08 June 2006</u>.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) <u>1-34</u> is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) <u>1-34</u> is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☐ All   b)☐ Some * c)☐ None of:

        1.☐ Certified copies of the priority documents have been received.

        2.☐ Certified copies of the priority documents have been received in Application No. _____.

        3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1)☒ Notice of References Cited (PTO-892)

2)☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3)☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____.

4)☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.

5)☐ Notice of Informal Patent Application (PTO-152)

6)☐ Other: _____.

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1.   A request for continued examination under 37 CFR 1.114, including the fee set forth in

37 CFR 1.17(e), was filed in this application after final rejection. Since this application is

eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e)

has been timely paid, the finality of the previous Office action has been withdrawn pursuant to

37 CFR 1.114. Applicant's submission filed on 6/8/06 has been entered.

Response to Amendment

2.   Applicant's amendment was received on 6/8/06, and has been entered and made of

record. Currently, **claims 1-34** are pending.

Claim Rejections - 35 USC § 102

3.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the

basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed
> in the United States before the invention by the applicant for patent or (2) a patent granted on an application for
> patent by another filed in the United States before the invention by the applicant for patent, except that an
> international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this
> subsection of an application filed in the United States only if the international application designated the United
> States and was published under Article 21(2) of such treaty in the English language.

4.   **Claims 1-34** are rejected under 35 U.S.C. 102(e) as being anticipated by Ishizuka (U.S.

Patent Number 7,016,062).

Regarding *claim 1*, Ishizuka discloses a method of printing using a mobile device (see abstract and Fig. 1), comprising accessing remote content, including a document (column 3, lines 9-52), generating on the mobile device an archive file containing the document (column 3, lines 9-52 and column 7, lines 35-61), transmitting a print request to an imaging device (column 3, lines 9-52, and column 8, line 48-column 9, line 22), receiving a file request from the imaging device for the archive file (column 3, lines 9-52, and column 8, line 48-column 9, line 22); and transmitting the archive file to the imaging device (column 3, lines 9-52, and column 7, lines 35-61), whereby the imaging device prints the content (column 3, lines 9-52, column 6, line 18-column 7, line 61, and column 8, line 48-column 9, line 22).

Regarding *claim 2*, Ishizuka discloses the method discussed above in claim 1, and further teaches that the print request includes a reference that indicates a location of the archive file (column 3, lines 9-52, column 6, line 18-column 8, line 7, and column 8, line 48-column 9, line 22).

Regarding *claim 3*, Ishizuka discloses the method discussed above in claim 1, and further teaches that the remote content comprises a web page that contains a link to referenced content, and wherein the step of generating an archive file comprises rewriting the link to refer to a referenced content file in the archive file (column 3, lines 9-52 and column 7, lines 35-61).

Regarding *claim 4*, Ishizuka discloses the method discussed above in claim 1, and further teaches that the steps of transmitting the print request to the imaging device and transmitting the archive file to the imaging device each comprise transmitting using a wireless communication protocol (column 3, lines 9-52, column 6, line 18-column 8, line 7, and column 8, line 48-column 9, line 22).

Regarding *claim 5*, Ishizuka discloses the method discussed above in claim 1, and further teaches of rendering the archive file on the imaging device to create rendered content, and printing the rendered content (column 3, lines 9-52, column 6, line 18-column 8, line 7, and column 8, line 48-column 9, line 22).

Regarding *claim 6*, Ishizuka discloses the method discussed above in claim 1, and further teaches of transmitting the archive file from the imaging device to a print service paragraphs (column 3, lines 9-52, column 6, line 18-column 8, line 7, and column 8, line 48-column 9, line 22); rendering the archive file on the print service to create rendered content (column 3, lines 9-52, column 6, line 18-column 8, line 7, and column 8, line 48-column 9, line 22), and transmitting the rendered content from the print service to the imaging device, whereby the imaging device prints the rendered content (column 3, lines 9-52, column 6, line 18-column 8, line 7, and column 8, line 48-column 9, line 22).

Regarding *claim 7*, Ishizuka discloses the method discussed above in claim 6, and further teaches that the archive file comprises an HTML file and wherein the print service comprises an HTML rendering engine (column 7, lines 3-61).

Regarding *claim 8*, Ishizuka discloses the method discussed above in claim 1, and further teaches that the remote content is located behind a firewall on a secure server, and the step of accessing the remote content comprises transmitting security information from the mobile device to the secure server (column 4, lines 42-column 6, line 37).

Regarding *claim 9*, Ishizuka discloses a method of printing using a mobile device (see abstract and Fig. 1), comprising accessing remote content including a document (column 3, lines 9-52), generating on a proxy server an archive file containing the document (column 3, lines 9-

52 and column 7, lines 35-61), transmitting a print request to an imaging device (column 3, lines 9-52, and column 8, line 48-column 9, line 22), the print request including a reference that indicates a location of the archive file on the proxy server (column 3, lines 9-52, column 6, line 18-column 8, line 7, and column 8, line 48-column 9, line 22); receiving a file request at the proxy server from the imaging device for the archive file (column 3, lines 9-52, column 6, line 18-column 7, line 61, and column 8, line 48-column 9, line 22); and transmitting the archive file from the proxy server to the imaging device, whereby the imaging device prints the content (column 3, lines 9-52, column 6, line 18-column 7, line 61, and column 8, line 48-column 9, line 22).

Regarding *claim 10*, Ishizuka discloses the method discussed above in claim 9, and further teaches that the remote content comprises a web page that contains a link to a referenced image, and wherein the step of generating an archive file comprises rewriting the link to refer to a referenced image file in the archive file (column 3, lines 9-52 and column 7, lines 35-61).

Regarding *claim 11*, Ishizuka discloses the method discussed above in claim 9, and further teaches that the step of transmitting the print request to the imaging device comprises transmitting using a wireless communication protocol (column 3, lines 9-52, column 6, line 18-column 8, line 7, and column 8, line 48-column 9, line 22).

Regarding *claim 12*, Ishizuka discloses the method discussed above in claim 9, and further teaches that the step of generating on a proxy server an archive file further comprises generating the archive file in a format that may be rendered by the imaging device (column 3, lines 9-52, column 6, line 18-column 8, line 7, and column 8, line 48-column 9, line 22).

Regarding *claim 13*, Ishizuka discloses the method discussed above in claim 9, and

further teaches of transmitting the archive file from the imaging device to a print service

paragraphs (column 3, lines 9-52, column 6, line 18-column 8, line 7, and column 8, line 48-

column 9, line 22); rendering the archive file on the print service to create rendered content

(column 3, lines 9-52, column 6, line 18-column 8, line 7, and column 8, line 48-column 9, line

22), and transmitting the rendered content from the print service to the imaging device, whereby

the imaging device prints the rendered content (column 3, lines 9-52, column 6, line 18-column

8, line 7, and column 8, line 48-column 9, line 22).

Regarding *claim 14*, Ishizuka discloses the method discussed above in claim 13, and

further teaches that the archive file comprises an HTML file and wherein the print service

comprises an HTML rendering engine (column 7, lines 3-61).

Regarding *claim 15*, Ishizuka discloses the method discussed above in claim 9, and

further teaches that the remote content is located behind a firewall on a secure server, and the

step of accessing the remote content comprises transmitting security information from the mobile

device to the secure server (column 4, lines 42-column 6, line 37).

Regarding *claim 16*, Ishizuka discloses a method of printing using a mobile device (),

comprising accessing remote content including a document (column 3, lines 9-52), generating on

a proxy server an archive file containing the document (column 3, lines 9-52 and column 7, lines

35-61); transmitting a print request to an imaging device, receiving a file request from the

imaging device for the archive file (column 3, lines 9-52, and column 8, line 48-column 9, line

22); transmitting the file request to the proxy server; receiving the archive file from the proxy

server in a data stream (column 3, lines 9-52, column 6, line 18-column 7, line 61, and column 8,

line 48-column 9, line 22), and streaming the data stream of the archive file from the mobile

device to the imaging device, whereby the imaging device prints the content (column 3, lines 9-

52, column 6, line 18-column 7, line 61, and column 8, line 48-column 9, line 22).

Regarding *claim 17*, Ishizuka discloses the method discussed above in claim 16, and

further teaches that the remote content comprises a web page that contains a link to a referenced

image, and wherein the step of generating an archive file comprises rewriting the link to refer to

a referenced image file in the archive file (column 3, lines 9-52 and column 7, lines 35-61).

Regarding *claim 18*, Ishizuka discloses the method discussed above in claim 16, and

further teaches that the step of transmitting the print request to the imaging device comprises

transmitting using a wireless communication protocol (column 3, lines 9-52, column 6, line 18-

column 8, line 7, and column 8, line 48-column 9, line 22).

Regarding *claim 19*, Ishizuka discloses the method discussed above in claim 16 and

further teaches that the step of generating on a proxy server an archive file further comprises

generating the archive file in a format that may be rendered by the imaging device (column 3,

lines 9-52, column 6, line 18-column 8, line 7, and column 8, line 48-column 9, line 22).

Regarding *claim 20*, Ishizuka discloses the method discussed above in claim 16, and

further teaches of transmitting the archive file from the imaging device to a print service

paragraphs (column 3, lines 9-52, column 6, line 18-column 8, line 7, and column 8, line 48-

column 9, line 22); rendering the archive file on the print service to create rendered content

(column 3, lines 9-52, column 6, line 18-column 8, line 7, and column 8, line 48-column 9, line

22), and transmitting the rendered content from the print service to the imaging device, whereby

the imaging device prints the rendered content (column 3, lines 9-52, column 6, line 18-column 8, line 7, and column 8, line 48-column 9, line 22).

Regarding *claim 21*, Ishizuka discloses the method discussed above in claim 20, and further teaches that the archive file comprises an HTML file and wherein the print service comprises an HTML rendering engine (column 7, lines 3-61).

Regarding *claim 22*, Ishizuka discloses the method discussed above in claim 16, and further teaches that the remote content is located behind a firewall on a secure server, and the step of accessing the remote content comprises transmitting security information from the mobile device to the secure server (column 4, lines 42-column 6, line 37).

Regarding *claim 23*, Ishizuka discloses a computer program product for mobile printing (see abstract, Fig. 1, and column 4, line 49-column 5, line 19) comprising a computer readable medium comprising at least one of hardware and software, the medium including code that accesses remote content, including a document (column 3, lines 9-52), code that generates on the mobile device an archive file containing the document (column 3, lines 9-52 and column 7, lines 35-61), code that transmits a print request to an imaging device (column 3, lines 9-52, and column 8, line 48-column 9, line 22), code that receives a file request from the imaging device for the archive file (column 3, lines 9-52, and column 8, line 48-column 9, line 22); and code that transmits the archive file to the imaging device (column 3, lines 9-52, and column 7, lines 35-61), whereby the imaging device prints the content (column 3, lines 9-52, column 6, line 18-column 7, line 61, and column 8, line 48-column 9, line 22).

Regarding *claim 24*, Ishizuka discloses a computer program product for mobile printing (see abstract, Fig. 1, and column 4, line 49-column 5, line 19) comprising a computer readable

medium comprising at least one of hardware and software, the medium including code that

accesses remote content including a document (column 3, lines 9-52), code that generates on a

proxy server an archive file containing the document (column 3, lines 9-52 and column 7, lines

35-61), code that transmits a print request to an imaging device (column 3, lines 9-52, and

column 8, line 48-column 9, line 22), the print request including a reference that indicates a

location of the archive file on the proxy server (column 3, lines 9-52, column 6, line 18-column

8, line 7, and column 8, line 48-column 9, line 22); code that receives a file request at the proxy

server from the imaging device for the archive file (column 3, lines 9-52, column 6, line 18-

column 7, line 61, and column 8, line 48-column 9, line 22); and code that transmits the archive

file from the proxy server to the imaging device, whereby the imaging device prints the content

(column 3, lines 9-52, column 6, line 18-column 7, line 61, and column 8, line 48-column 9, line

22).

Regarding *claim 25*, Ishizuka discloses a computer program product for mobile printing

(see abstract, Fig. 1, and column 4, line 49-column 5, line 19) comprising a computer readable

medium comprising at least one of hardware and software, the medium including code that

accesses remote content including a document (column 3, lines 9-52), code that generates on a

proxy server an archive file containing the document (column 3, lines 9-52 and column 7, lines

35-61); code that transmits a print request to an imaging device, code that receives a file request

from the imaging device for the archive file (column 3, lines 9-52, and column 8, line 48-column

9, line 22); code that transmits the file request to the proxy server; receiving the archive file from

the proxy server in a data stream (column 3, lines 9-52, column 6, line 18-column 7, line 61, and

column 8, line 48-column 9, line 22), and code that streams the data stream of the archive file

from the mobile device to the imaging device, whereby the imaging device prints the content

(column 3, lines 9-52, column 6, line 18-column 7, line 61, and column 8, line 48-column 9, line

22).

Regarding *claim 26*, Ishizuka discloses the method discussed above in claim 1, and

further teaches that the mobile device is used to access the remote content, transmit the print

request to the imaging device, receive the file request from the imaging device for the archive

file and transmit the archive file to the imaging device (column 3, lines 9-52, column 6, line 18-

column 7, line 61, and column 8, line 48-column 9, line 22).

Regarding *claim 27*, Ishizuka discloses the method discussed above in claim 9, and

further teaches that the mobile device is used to access the remote content and transmit the print

request to the imaging device (column 3, lines 9-52, column 6, line 18-column 7, line 61, and

column 8, line 48-column 9, line 22).

Regarding *claim 28*, Ishizuka discloses the method discussed above in claim 16, and

further teaches that the mobile device is used to access the remote content, to transmit the print

request to the imaging device, to receive the file request from the imaging device for the archive

file, to transmit the file request to the proxy server and to receive the archive file from the proxy

server in a data stream (column 3, lines 9-52, column 6, line 18-column 7, line 61, and column 8,

line 48-column 9, line 22).

Regarding *claim 29*, Ishizuka discloses the product discussed above in claim 23, and

further teaches that the code causes a mobile device to access the remote content, to transmit the

print request to the imaging device, to receive the file request from the imaging device for the

archive file and to transmit the archive file to the imaging device (column 3, lines 9-52, column 6, line 18-column 7, line 61, and column 8, line 48-column 9, line 22).

Regarding *claim 30*, Ishizuka discloses the product discussed above in claim 24, and further teaches that the code is configured to direct a mobile device to access the remote content and transmit the print request to the imaging device (column 3, lines 9-52, column 6, line 18-column 7, line 61, and column 8, line 48-column 9, line 22).

Regarding *claim 31*, Ishizuka discloses the product discussed above in claim 25, and further teaches that the code is configured to direct a mobile printing device to access the remote content, to transmit the print request to the imaging device, to receive the file request from the imaging device for the archive file, to transmit the file request to the proxy server and to receive the archive file from the proxy server in a data stream (column 3, lines 9-52, column 6, line 18-column 7, line 61, and column 8, line 48-column 9, line 22).

Regarding *claim 32*, Ishizuka discloses the method discussed above in claim 1, and further teaches that the document is a markup-language document (column 7, lines 3-61).

Regarding *claim 33*, Ishizuka discloses the method discussed above in claim 9, and further teaches that the document is a markup-language document (column 7, lines 3-61).

Regarding *claim 34*, Ishizuka discloses a method of printing using a mobile device (see abstract and Fig. 1), comprising accessing remote content (column 3, lines 9-52), generating on the mobile device an archive file containing the remote content (column 3, lines 9-52 and column 7, lines 35-61), transmitting a print request to an imaging device (column 3, lines 9-52, and column 8, line 48-column 9, line 22), receiving a file request from the imaging device for the archive file (column 3, lines 9-52, and column 8, line 48-column 9, line 22); and transmitting the

archive file to the imaging device (column 3, lines 9-52, and column 7, lines 35-61), whereby the imaging device prints the content (column 3, lines 9-52, column 6, line 18-column 7, line 61, and column 8, line 48-column 9, line 22), and wherein the mobile device is used to access the remote content, to transmit the print request to the imaging device, to receive the file request from the imaging device for the archive file, to transmit the file request to the proxy server and to receive the archive file from the proxy server in a data stream (column 3, lines 9-52, column 6, line 18-column 7, line 61, and column 8, line 48-column 9, line 22).

Citation of Pertinent Prior Art

5.   The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

Berkema *et al.* (U.S. Patent Application Publication 2003/0002072) discloses a communication method for portable wireless device printing.

Conclusion

6.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joe Pokrzywa whose telephone number is (571) 272-7410. The examiner can normally be reached on Monday-Friday, 9:00-5:00.
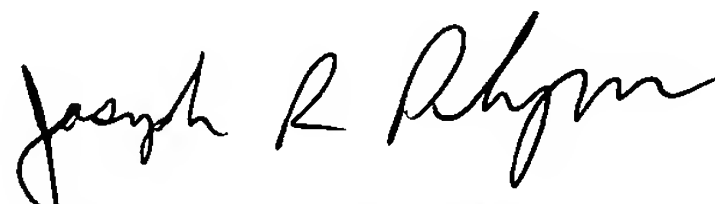
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward L. Coles can be reached on (571) 272-7402. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent
Application Information Retrieval (PAIR) system. Status information for published applications
may be obtained from either Private PAIR or Public PAIR. Status information for unpublished
applications is available through Private PAIR only. For more information about the PAIR
system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR
system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would
like assistance from a USPTO Customer Service Representative or access to the automated
information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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jrp

JOSEPH R. POKRZYWA
PRIMARY EXAMINER